

## **Important Information:**

To update firmware of A3-Printers with serial numbers lower than 30000 it's necessary to first update the Bootloader of the printer. If a firmware update is done without updating the bootloader before, it will result a breakdown of the printer !!!!

In this document you'll find a description how to update the bootloader and the firmware.

## **Needed Components:**

- Standard-Parallel-Printercable (Centronics)
- PC with Windows OS (Windows 95/98/NT/2000 or XP)
- Firmware / Bootloader for the A3 printer.

The Archive A3\_310\_7627.zip must be unpacked in the folder C:\firmware (maybe you have to create the folder first). In this Archive you will also find the firmware in an encrypted archive. The password for the encrypted archive can be found at the end of this document.

## **Please read this documentation carefully !!**

After unpacking this archive you will get the following files:

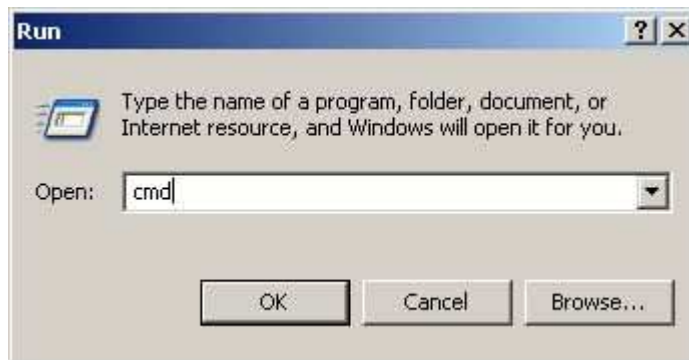
IMPORTANT_UK.PDF	-	This document you're just right now reading.
bootloadera3.ba3	-	Bootloader for model A3/200, A3/300 and A3-2.
310_7627.zip	-	Firmware Printer (encrypted archive)
		After unpacking you will get ,310_7627.a3'.

## **Bootloaderupdate:**

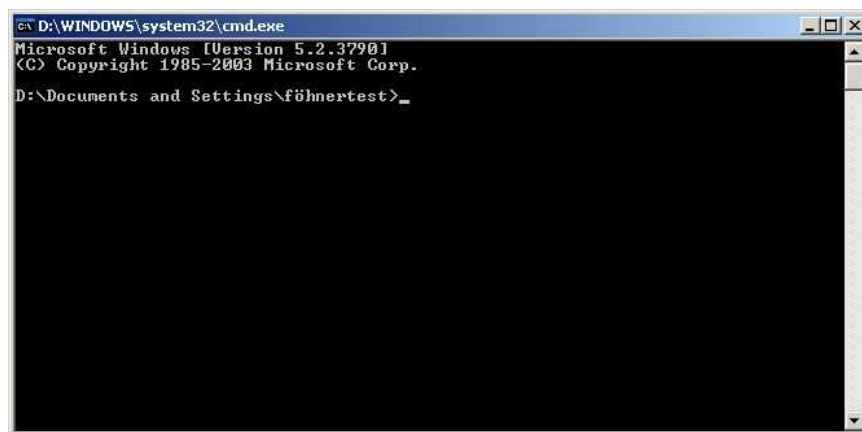
1. Connect your printer to the PC using the parallel cable.
2. Power on printer, display shows ,Ready'
3. In your Windows OS click on ,**START**' > ,**Run**'.



4. Type in ,cmd' (in Windows 2000/XP) and click OK. In Windows 95/98/NT use ,command' instead.



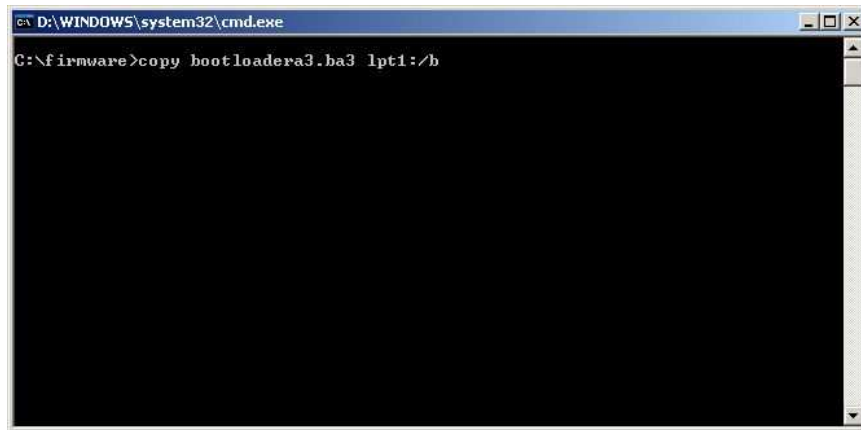
5. The Windows of the MSDOS Prompt will popup.



6. Type in: ,cd c:\firmware' (without the apostrophe) and press ,Return' on your keyboard.



7. Type in: ,copy bootloadera3.ba3 LPT1:/B' and press ,Return' on your keyboard.



8. Printers display now shortly shows ,New Firmware'. After this you will see 'OK'.
9. Press right key on printers navigation pad to finish the update.
10. Printers display now shows ,Ready' again.
11. Bootloaderupdate is now completed..

**Firmwareupdate (Only after Updating the Bootloaders!!):**

1. Press left key on printers navigation pad to enter the menu of the printer.
2. Press arrow-down on navigation pad whenever ,Service' is shown in Display.
3. Press right key on navigation pad to confirm. After this you will see 'New Firmware' on printers display.
4. Press right key on navigation pad to confirm. (If a PIN Number is defined in the printer you must first enter the PIN !!)
5. When no arrows on the right side of the display are shown, the printer is ready for firmware update.
6. Change to the Window of the MSDOS Prompt .
7. Type in:  
,copy 310\_7627.a3 LPT1:/B'. Confirm this with 'Return' on your keyboard.
8. Printers display now shows ,New Firmware' on top and a progress bar on bottom.
9. During the Update process do NOT Power off the printer !!
10. After the update the printer shows ,OK' on Display.
11. Press right key on navigation pad to confirm this message.
12. Printer will perform a Hardware reset.
13. Firmwareupdate is now completed.

**Notice to the Updates through the cab Networkmanager (formerly cab Administratortool):**

If you want to update the printer using the cab Networkmanager (formerly called cab Administratortool) please beware of the following Information.

Requirements:

- Version 2.3 of ,cab Networkmanager'

Starting from the Version 2.3 the cab Networkmanager will check the A3 printer for the newest version of the Bootloader. If an old version is detected on the printer, the cab Networkmanager will prompt you automatically for the filename of the bootloader.

**Password for the encrypted ZIP archive:                      cabfirmware**